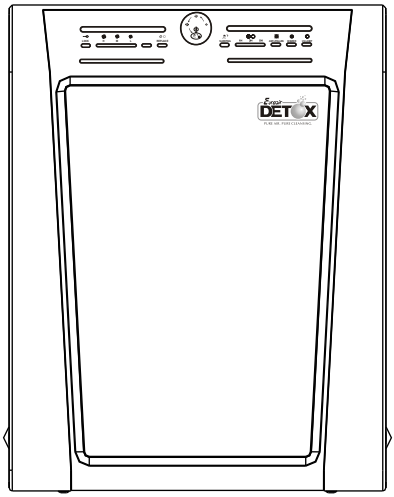
Euroair DETOX

PURE AIR. PURE CLEANSING.



User Manual

Congratulations on your purchase of Euroair Detox Air Purifier from Eureka Forbes. We encourage you to read this manual carefully for the correct usage information. With proper care and maintenance, you can benefit more from clean, fresh air for many years of healthy living.

Introduction

Euroair Detox UV Photocatalytic Air Purifier is the latest industry standard in air purification systems. With the advent of UV Photocatalytic technology refined by our research and development team, we have incorporated this latest technology into our range of air purifiers.

Air purification technology today, is more than the ionizing effect and HEPA filtration. It encompasses these and also disinfects and decomposes toxic contaminants besides killing bacteria, viruses and moulds.

This Air Purifier incorporates the technical features of all other makes put together. It has a 7-stage filtration and treatment function and a negative ion generator. The Pre-filter removes larger pollutants, while the HEPA filter removes 99.97% of particles as small as 0.3 microns. Two layers of carbon filter (Carbon impregnated media & Granular in Honeycomb structure), absorb odour, smog and Volatile Organic Compounds (VOCs) while the Antimicrobial & Antimildew filter prevents growth of micro-organisms within. A UV germicidal lamp destroys airborne bacteria & viruses as the air passes through and the Nano TiO_2 photocatalyst nickel-based filter sterilises & decomposes any left-over microorganisms. Cleaned air is then returned back into the room with an abundance of negative ions for natural fresh and clean air. Indoor air has never been this clean before.

Important Safety Instructions

When using electrical appliances, always apply basic safety precautions to reduce the risk of electrical shock, fire or injury to persons.

Read all instructions before using this appliance.

If the electrical supply cord is damaged, it must be replaced by the manufacturer, its service agent or similar qualified persons.

Use only a 220-240 Volt outlet.

Use indoors only. Do not expose unit to direct sunlight or heat sources as the colour may fade.

Do not place and operate the unit under high humidity conditions such as in a bathroom or next to a humidifier.

Turn off the power switch when removing the power plug and always hold the plug. Do not pull the cord.

Do not remove the power plug when your hands are wet.

Do not insert your fingers or any objects into the air intake or outlet.

Do not block the air intake and outlet.

Do not operate without the filters.

Do not wash the Pre-filter in hot water, in washing machine or dish washer and do not dry under direct sunlight.

Do not expose eyes to UV light for a continuous period of time. (This appliance has a safety interlock switch and a composite filter to prevent direct exposure).

If this appliance causes interference to the TV reception, try to relocate the TV antenna or relocate the unit.

Clean the unit periodically with a soft damp cloth and do not use strong chemicals or volatile chemicals such as benzene / thinner.

Technical Specifications

Model	Euroair Detox
Power Supply	220V/50Hz
Rated Power	76W
Noise level	< 35dB
Airflow	270 m^3/h
Weight	7.6 kg
Dimension (H x W x D)	526mm x 409mm x 204mm

Features - Control

4-speed control	Silent, Low, Medium, High
Remote Control	Full feature Infrared Remote Control
High airflow volume	Able to purify the room quickly
Low noise level	No noise irritation
Pollen mode	Airflow automatically switches between medium speed (5 mins.) and low speed (5 mins.)
Timer/ Sleep mode	Set Auto ON/ OFF at 1, 3, 5, 8 hours
Replacement Indicators HEPA & UV	Indicates replacement for HEPA filter Indicates replacement for UV lamp
Colourful LED light	Indicates Setting and Operation conditions, for easy monitoring
Child Lock	Prevents children from fiddling with controls
Auto Mode	The machine will run according to the current condition of air quality .

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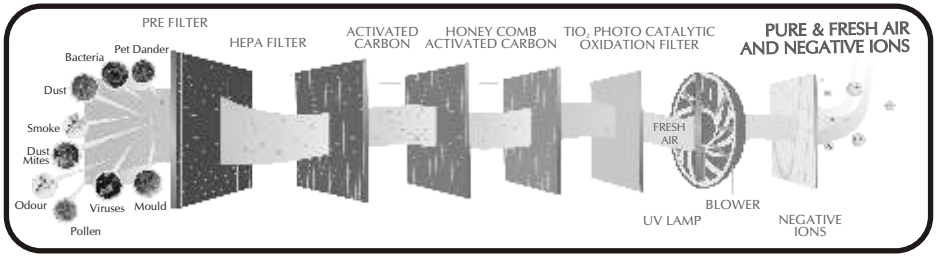
7-STAGE AIR PURIFICATION PROCESS OF EUROAIR DETOX



Purification Technology

Pre-filter		Filters out large particles, dust mites and pet dander
Composite filter	HEPA filter	HEPA (High Efficiency Particulate Air) filter removes 99.97% of airborne particulates down to 0.3 microns in diameter. Effectively filters fine airborne particulates such as dust, viruses, pollen, etc
	Activated Carbon filter	One of the oldest purification technologies, activated carbon has a large surface area owing to its capillary structure. When synthesised with polyurethane media, it enables fast and direct absorption of various gases and VOCs.
	Honeycomb Activated Carbon filter	Granular Activated Carbon is designed for capture of VOCs not captured in the earlier stage. It has a higher porosity and larger surface area for a longer lifespan.
	Antibacterial & Antimildew filter	Kills and inhibits growth of bacteria, mildew with antimicrobial agent.
Ultraviolet (UV) Germicidal lamp, 254nm		Kills micro-organisms, sterilises the air stream and also activates the photocatalysis process

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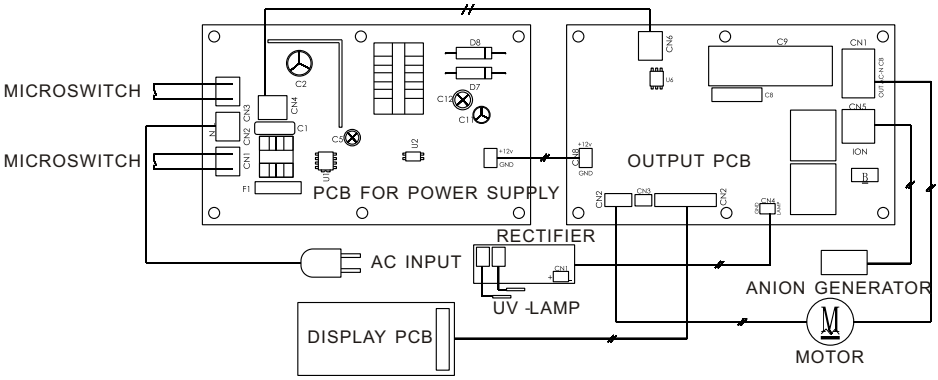
Nano TiO2 Photocatalyst nickel media filter	The Photocatalysis process sterilises and deodorises air by killing bacteria, fungi and decomposes Volatile Organic Compounds (VOCs). It has self cleaning ability, is safe, stable and purifies.
Negative Ions generator	Negative Ions are known for its refreshing and purifying mode. It exists in abundance naturally in forests, mountains and near waterfalls. Negative Ions are known for its revitalising effect on humans.

Illustrative Diagram



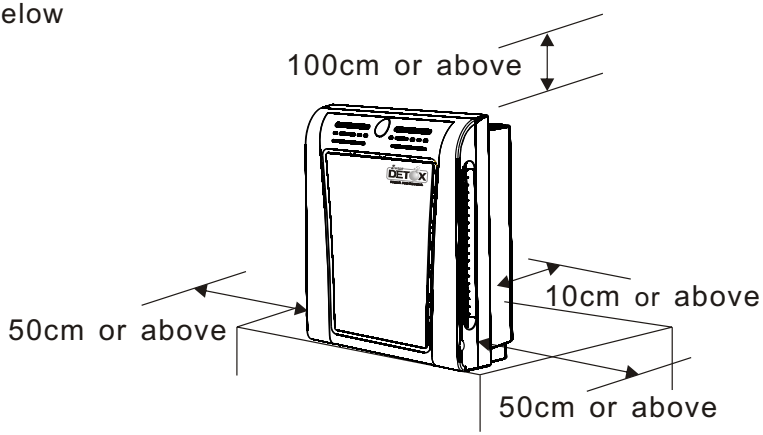
Operating Instructions

Remote Control

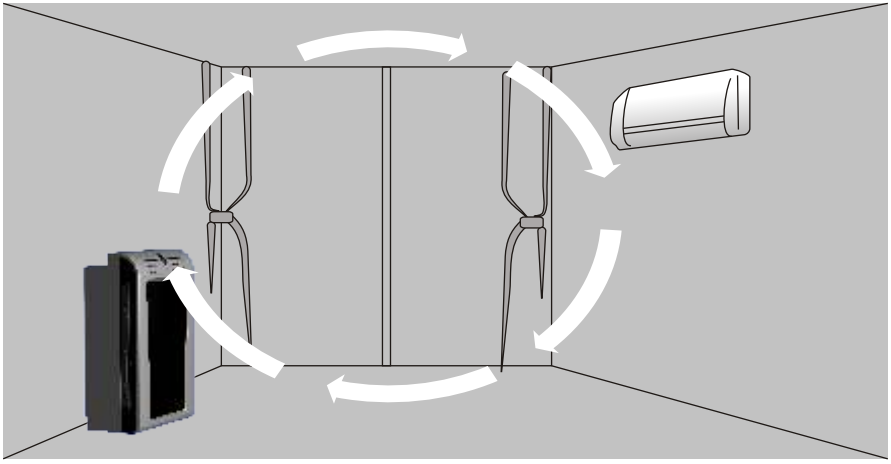
1. The Remote Control transmitter can be stored in the Remote Control holder located next to the air discharge outlet.
2. A battery has been installed in the Remote Control transmitter. During initial setup and use, remove the membrane protection sheet.
3. Point the transmitter to the receiver at the air purifier to operate.
4. The maximum distance of use is about 6 meters, depending on the strength of the battery.
5. When replacing a new battery, always use the same type of battery.
6. Dispose of the waste battery properly (according to local laws and regulations).
7. Keep batteries out of the reach of children.
8. Keep the Remote Control transmitter away from water.

Installing the Euroair Detox Air Purifier

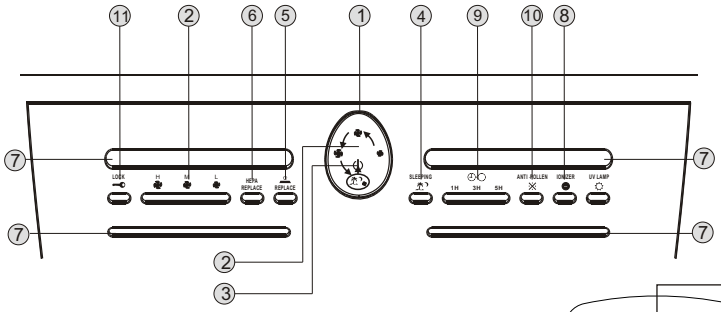
1. Place the Air Purifier on a level, stable and dry place.
2. Ensure sufficient space around the unit. Refer to the picture below

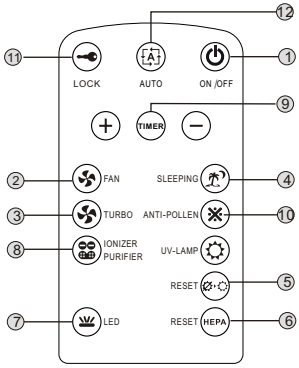


3. Remove all the plastic protective wrapping from the filter before use.
4. Apply caution when removing the front cover, especially for the first time. Remove the cover by holding the lower left-&-right side and pull gently towards you. Then lift the cover upwards to release the top latches.
5. Replace the front cover by hooking the top portion into place, swing inwards and push gently until the cover snaps into place.
6. Position the Air Purifier in a place for optimum effectiveness in capturing contaminants and optimum air circulation pattern.
7. For smoking rooms, place the Air Purifier at a higher level as smoke rises. Ensure sufficient fresh air ventilation in smoking rooms as recommended by American Society of Heating, Refrigeration & Air Conditioning Engineers (ASHRAE). Refer www.ashrae.org
8. If possible, place the Air Purifier at the opposite end of the air conditioner to create a better air circulation pattern. This would assist in better capture and filtration of fine airborne pollutants.



Operating the Control Panel and Remote Control





Tip: If the Remote Control is not beside you, you can operate with the buttons on the Control Panel.

1. **Power ON/OFF Button**
2. **Fan speed setting Button**
   Programmed cycle of High-Med-Low-Silent
3. **Turbo**
   The Machine works at the highest speed to remove pollution quickly.
4. **Sleeping Mode Button**
   Sets the Timer for 8 hours and operates in Silent Mode. Timer Mode is not operable with Sleeping Mode. Other settings are still operable.
   Press the button again to deactivate Sleeping Mode.
5. **UV Lamp Timer Reset**
   The UV Lamp Replacement Indicator on the Display Panel blinks to indicate replacement of UV Lamp required. Under normal operation condition, the UV Lamp has a lifespan of 15000 hours. Reset the timer after replacement.
6. **HEPA Timer Reset**
   The HEPA Filter Replacement Indicator on the Display Panel blinks to indicate replacement of HEPA Filter required. Under normal operation condition, the HEPA Filter has a lifespan of 2,000 hours. Reset the timer after replacement.

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7. **LED Button / Night light**
   The fan speed is indicated by the colorful light. The colour of the light is selectable and can be deactivated with this button.
8. **Ionizer Mode Button**
   The Ionizer function can be set ON/OFF ,10 min intermittent mode.
9. **Timer Button**
   The Timer can be set at 1, 3, 5 ,8 hours. Default is set at 3 hours.
10. **Anti-Pollen Mode Button**
    The Anti-Pollen function sets the fan speed in a cycle of Medium speed (5 minutes) and Low speed (5 minutes).
11. **Child Lock Button**
    When this button is pressed, all the buttons on the Air Purifier and Remote Control transmitter are disabled, except the LOCK button on the Remote Control. To deactivate this mode without the Remote Control, unplug the power supply and re-plug the power again.
12. **Auto Button**
    Press the ON/OFF button on the Control Panel, or the "Auto Mode" button on the Remote Control, to set this machine into Auto Mode. The machine will run according to the current condition of air quality .

Note: A slight odour may be emitted initially when a new Air Purifier is used. Do not be alarmed. Just operate the unit in a well-ventilated room for a while until the smell disappears. This is caused by the new Nano TiO_2 coating on the Photocatalytic filter.

Care and Maintenance

1. To maintain optimum performance of this appliance, clean the Pre-filter every month. Frequency of maintenance will depend on the quality of the air in the room.
2. Be sure to unplug the power cord before cleaning the unit and never handle the power plug with wet hands.
3. Remove the front cover, Wipe with a damp, soft cloth. Do NOT use volatile fluids or petrochemicals for cleaning. For stubborn stains, use mild kitchen cleaners or dishwashing liquid diluted with warm water. Use of strong or corrosive cleaners may discolour unit permanently. Do not use hot water.

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4. Be careful not to damage the plastic tabs as they are designed for hook-on and to activate the Safety linterlock Switch.
5. Remove the Pre-filter and clean with a vacuum cleaner or wash with a mild detergent solution. Do NOT use hot water, do NOT wash in a washing machine or dish washer and do NOT dry under direct sunlight.
6. The Composite Filter consists of a few layers of different filters and is made for easy handling. This filter should be replaced every one to three years depending on the operating environment. The HEPA Filter Replacement Indicator will blink at 4,000 hours as a reminder to replace the filter.
7. Remove the Composite Filter by its handle. Inspect and replace it with a new Composite Filter if necessary. The HEPA & Carbon Filters cannot be washed.
8. Place the Pre-filter back onto the Filter Frame and gently replace it in its original position.
9. Press the HEPA Timer Reset Button (the indicator will revert to normal and the timer is reset for count again).
10. The UV Germicidal Lamps should be replaced every 15,000 hours under normal operating conditions. The UV Lamp Replacement Indicator will blink to remind users of this. Contact an authorised agent or qualified technician for the replacement.
11. The Nano coated TiO_2 Photocatalytic Filter should be cleaned every six months under normal operating conditions. Remove any loose particles with a vacuum cleaner and rinse with water only if necessary. Do NOT wash it in a washing machine or dish washer. Do NOT dry under direct sunlight. Ensure that the filter is completely dry before replacing it.

Troubleshooting

SYMPTOM	REMEDY
Power ON, Unit does not function	Check if the front cover is installed properly. Check if the power plug is plugged securely in the socket. Check if the battery in the Remote Control unit is in the correct position. Replace the battery if necessary. Check if the Child Lock is ON, deactivate it by using the button on Remote Control unit.
Unit emits strange sound and vibrates	Check if the Air Purifier is placed on a level surface. Check for foreign objects obstructing the fan.
Smoke and odour are not removed	Check if the filters are dirty. Clean or replace the filters. If the unit is placed in a location where airflow is obstructed, relocate the unit closer to the source of pollution.
Unit emits odour	The air could have been contaminated at the time when the unit was last unplugged. Let the unit run for some time. The filter could be contaminated with some offensive VOC's or gases during the last use. If not due for replacement, continue to run the unit in a ventilated room. The UV Photocatalytic process should eradicate this. Sometimes, new units may carry some smell as caused by the fresh coating of the TiO_2 filter. This should disappear after a while.
Air flow is low even on high setting	Check if the filters are dirty. Clean or replace the filters. Contact your local agent or trained technician.

For more information, please visit our website www.eurekaforbes.com

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